

DOCKET NO.: RTS-0239

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Brett P. Monia et al.

Serial No.: Not yet assigned Group No.: Not yet assigned

Filed: herewith

For: **Antisense Modulation of FXR Expression**

BOX SEQUENCE  
Assistant Commissioner for Patents  
Washington DC 20231

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above identified application, no additional fee is required.

Copies of each of the references listed on the attached Form PTO-1449 are enclosed.

Date: November 14, 2001

Respectfully submitted,



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<b>Form PTO-1449 Modified</b>		Docket No. RTS-0239	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary)		Applicant Brett P. Monia et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date herewith	Group

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AA	Forman et al., Identification of a nuclear receptor that is activated by farnesol metabolites, <i>Cell</i> , <b>1995</b> , 81:687-693
	AB	Kliewer et al., Orphan nuclear receptors: shifting endocrinology into reverse, <i>Science</i> , <b>1999</b> , 284:757-760
	AC	Maloney et al., Identification of a chemical tool for the orphan nuclear receptor FXR, <i>J. Med. Chem.</i> , <b>2000</b> , 43:2971-2974
	AD	Parks et al., Bile acids: natural ligands for an orphan nuclear receptor, <i>Science</i> , <b>1999</b> , 284:1365-1368
	AE	Tu et al., FXR, a bile acid receptor and biological sensor, <i>Trends Cardiovasc. Med.</i> , <b>2000</b> , 10:30-35
	AF	Walters, Bile acids are physiological ligands for a nuclear receptor, <i>Gut</i> , <b>2000</b> , 46:308-309

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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10/002491  
JC580 US PTO  
11/15/01

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		Filing Date	Group

**U.S. PATENT DOCUMENTS**

Examiner's Initial		Document No.	Date	Name	Class	Subclass
	AA	6,005,086	12/21/1999	Evans et al.	536	23.1
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					

**FOREIGN PATENT DOCUMENTS**

Examiner's Initial		Document No.	Date	Country	Translation YES	Translation NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					
	AW					
	AX					

EXAMINER

DATE CONSIDERED